Access DB# 91764

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Heather Reynolds Examiner #: 78264 Date: 4/16/03
Art Unit: 1625 Phone Number 30 5 1153 Serial Number: 100 48 229
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL
3701 - 4A16

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: See Pubs Copy

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only *Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Compounds + Process

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STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher: Shaver	NA Sequence (#) _____	STN _____
Searcher Phone #: 308-4499	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: 4/17/03	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

PTO-1590 (8-01)

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FILE COVERS 1907 - 17 Apr 2003  VOL 138 ISS 16
FILE LAST UPDATED: 16 Apr 2003  (20030416/ED)

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

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L9   ANSWER 1 OF 20  HCAPLUS  COPYRIGHT 2003 ACS
ACCESSION NUMBER:        2002:463998  HCAPLUS
DOCUMENT NUMBER:         137:33135
TITLE:                   Process for the preparation of 2,7-dialkyl-5-amino-8-
                         aryl-4-hydroxyoctanamides via reaction of
                         pseudoephedrine-protected isopropylvalerolactone
                         nitrones with Grignard reagents.
INVENTOR(S):             Bellus, Daniel; Dondoni, Alessandro
PATENT ASSIGNEE(S):      Speedel Pharma A.-G., Switz.
SOURCE:                  Eur. Pat. Appl., 18 pp.
                         CODEN: EPXXDW
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
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     EP 1215201        A2    20020619      EP 2001-128462   20011206
     EP 1215201        A3    20030129
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     US 2002082302     A1    20020627      US 2001-14400    20011214
PRIORITY APPLN. INFO.:                    CH 2000-2442     A  20001214
OTHER SOURCE(S):         CASREACT 137:33135; MARPAT 137:33135
GI
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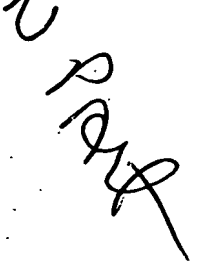

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

AB   Title compds. (I; R1, R2 = H, alkyl, haloalkyl, alkoxy, alkoxyalkyl,
     alkoxyalkoxy; R3, R4 = alkyl; R5 = alkyl, hydroxyalkyl, alkoxyalkyl,
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alkanoyloxyalkyl, aminoalkyl, alkylaminoalkyl, alkanoylamidoalkyl, etc.), were prepd. by treatment of aldehydes (II; R4 as above) with ZNHOH (Z = protecting group) then with a organometallic deriv. of (III; R1-R3 as above; Y = Cl, Br; iodo) followed by deprotection and amidation steps. Thus, title compd. (IV) was prepd. from alc. (V) and aralkyl chloride (VI) in several steps.

IT **173334-57-1P**
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(process for the prepn. of 2,7-dialkyl-5-amino-8-aryl-4-hydroxyoctanamides via reaction of pseudoephedrine-protected isopropylvalerolactone nitrones with Grignard reagents)

L9 ANSWER 2 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:428761 HCAPLUS
DOCUMENT NUMBER: 137:11000
TITLE: Pharmaceutical compositions containing angiotensin receptor blockers for treating sexual dysfunction
INVENTOR(S): Sahota, Pritam Singh
PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.
SOURCE: PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002043807	A2	20020606	WO 2001-EP13976	20011129
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
AU 2002026365	A5	20020611	AU 2002-26365	20011129
US 2002107236	A1	20020808	US 2001-8445	20011203

PRIORITY APPLN. INFO.: US 2000-250540P P 20001201
WO 2001-EP13976 W 20011129

AB The present invention relates to methods of treating sexual dysfunction assocd. with hypertension and another condition by administering a pharmaceutical combination of an angiotensin receptor blocker with either an anti-hypertensive drug or an HMG-CoA reductase inhibitor. A film-coated tablet contained valsartan 8.00, microcryst. cellulose 54.00, crospovidone 20.00, colloidal silica 1.50, magnesium stearate 4.5, and Diolack pale red 00F34899 7.00 mg.

IT **173334-57-1**, Aliskiren
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmaceutical compns. contg. angiotensin receptor blockers for treating sexual dysfunction)

L9 ANSWER 3 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:391521 HCAPLUS
DOCUMENT NUMBER: 136:391012
TITLE: Synergistic combinations comprising a renin inhibitor for cardiovascular diseases
INVENTOR(S): Hewitt, William; Vasella, Daniel Lucius; Webb, Randy Lee

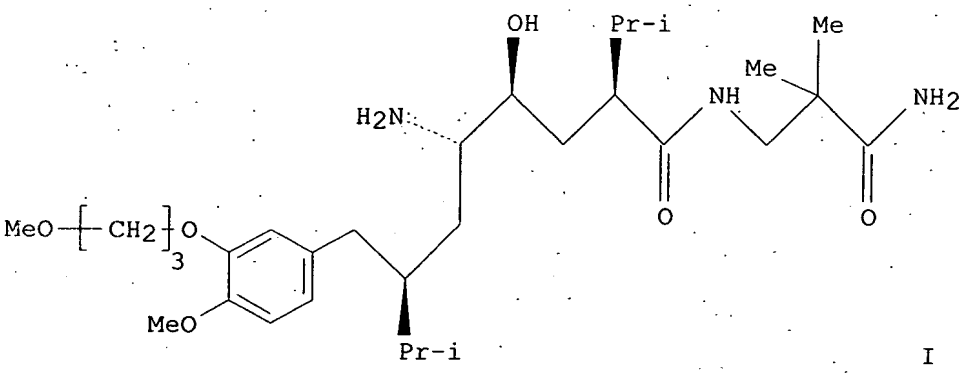
PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.
SOURCE: PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040007	A1	20020523	WO 2001-EP13241	20011115
AU 2002023680	A5	20020527	AU 2002-23680	20011115

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR

PRIORITY APPLN. INFO.: GB 2000-28151 A 20001117
WO 2001-EP13241 W 20011115

GI



I

AB The invention relates to a combination comprising the renin inhibitor (I) or a pharmaceutically acceptable salt thereof. Formulations were given contg. the AT1 receptor antagonist valsartan.

IT **173334-57-1**
RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(synergistic combinations comprising a renin inhibitor for cardiovascular diseases)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:357902 HCAPLUS
DOCUMENT NUMBER: 137:93585
TITLE: The Power of Visual Imagery in Synthesis Planning. Stereocontrolled Approaches to CGP-60536B, a Potent Renin Inhibitor
AUTHOR(S): Hanessian, Stephen; Claridge, Stephen; Johnstone, Shawn

CORPORATE SOURCE: Department of Chemistry, Universite de Montreal, Montreal, QC, H3C 3J7, Can.
SOURCE: Journal of Organic Chemistry (2002), 67(12), 4261-4274
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 137:93585
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Nonracemic arylhydroxyaminooctanoic acids I (R = H, MeO; R1 = Me2CH, Bu), generic motifs of a new class of potent nonpeptide renin inhibitors with potential as antihypertensive agents, are prepd. stereoselectively by two different synthetic routes. In order to incorporate one of the key iso-Pr groups in I, the enolate of Me L-pyroglutamate is added to acetone to give a tertiary alc.; the tertiary alc. is left in place during the subsequent amide redn. and acid-mediated addn. of methanol to the hemiaminal to give an aminal to direct the addn. of aryllithium or arylmagnesium cuprates to the aminal to give arylpyrrolidinecarboxylates stereoselectively which undergo elimination of the tertiary alc. moiety and hydrogenation to give the key intermediates II (R2 = H, MeO). One of the routes uses a Dieckmann condensation of an N-succinoyl pyrrolidinecarboxylate to generate an indolizine III which undergoes stereoselective redn. followed by amide redn., selective oxidn. and cyclization to generate an pyrrolidinylfuranone IV (R3 = R4 = H); enolate formation, addn. of acetone, elimination of the tertiary alc., and hydrogenation provides IV (R3 = H; R4 = Me2CH) which is amidated to provide I (R = H; R1 = Me2CH). The stereoselectivity of this route is mediated through the use of a cyclic template inspired by a visual reorientation of the structure of I. A second route from II (R2 = MeO) relies on the addn. of a carbon chain to the ester moiety of II followed by stereoselective redn., oxidn. and cyclization to give the intermediate IV (R3 = MeO; R4 = H) which is processed as with the Ph analog except using butylamine in the ultimate amidation to give I (R = MeO; R1 = Bu). Addn. of di-Me methylphosphonate to II (R2 = MeO) followed by condensation of the phosphonate with Me glyoxalate mediated by diisopropylethylamine and lithium chloride, redn. of the double bond and the carbonyl groups, and selective oxidn. and cyclization gives IV (R3 = MeO; R4 = H); formation of a furanone enolate and addn. of acetone, elimination of the tertiary alc., hydrogenation, and trimethylaluminum-mediated amidation with butylamine yields I (R = MeO; R1 = Bu). Crystal structures of intermediates are given (no data).

IT **173334-57-1P**, CGP60536B
RL: PNU (Preparation, unclassified); PREP (Preparation)
(asym. prepn. of substituted aryloctanoic acid renin inhibitors from Me L-pyroglutamate using either a cyclic template or acyclic appendages to control the stereochem.)

REFERENCE COUNT: 109 THERE ARE 109 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:231708 HCAPLUS
DOCUMENT NUMBER: 137:217185
TITLE: Aliskiren fumarate
AUTHOR(S): Mealy, N. E.; Castaner, J.; Castaner, R. M.; Silvestre, J.
CORPORATE SOURCE: Prous Science, Barcelona, 08080, Spain
SOURCE: Drugs of the Future (2001), 26(12), 1139-1148

CODEN: DRFUD4; ISSN: 0377-8282
PUBLISHER: Prous Science
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
AB A review. The synthesis of aliskiren fumarate is shown in seven schemes. Clin. studies, pharmacokinetics, and pharmacol. actions of aliskiren fumarate are also discussed.
IT **173334-58-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of aliskiren fumarate)
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:98876 HCAPLUS
DOCUMENT NUMBER: 136:350363
TITLE: Angiotensin II suppression in humans by the orally active renin inhibitor aliskiren (SPP100). Comparison with enalapril
AUTHOR(S): Nussberger, Juerg; Wuerzner, Gregoire; Jensen, Chris; Brunner, Hans R.
CORPORATE SOURCE: Division of Hypertension and Vascular Medicine, Univ. Hospital Lausanne, Basel, Switz.
SOURCE: Hypertension (2002), 39(1), e1-e8
CODEN: HPRTDN; ISSN: 0194-911X
PUBLISHER: Lippincott Williams & Wilkins
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Renin is the main determinant of angiotensin (Ang) II levels. It, therefore, always appeared desirable to reduce Ang II levels by direct inhibition of renin. So far, specific renin inhibitors lacked potency and/or oral availability. The authors tested the new orally active nonpeptidic renin inhibitor SPP100 (Aliskiren, an octanamide with a 50% inhibitory concn. [IC50] in the low nanomolar range) in 18 healthy volunteers on a const. 100 mmol/d Na diet using a double-blind, 3-way crossover protocol. In 3 periods of 8 days, sepd. by wash-outs of 6 days, each volunteer received 2 dosage levels of Aliskiren (low before high; 40 and 80 or 160 and 640 mg/d) and randomized placebo or 20 mg enalapril. Aliskiren was well tolerated. Not surprisingly, blood pressure and heart rate remained unchanged in these normotensive subjects. There was a dose-dependent decrease in plasma renin activity, Ang I, and Ang II following single doses of Aliskiren starting with 40 mg. Inhibition was still marked and significant after repeated dosing with maximal decreases in Ang II levels by 89 and 75% on Days 1 and 8, resp., when the highest dose of Aliskiren was compared with placebo. At the same time, mean plasma active renin was increased 16- and 34-fold at the highest dose of Aliskiren. Plasma drug levels of Aliskiren were dose-dependent with maximal concns. reached between 3 to 6 h after administration; steady state was reached between 5 and 8 days after multiple dosing. Less than 1% of dose was excreted in the urine. Plasma and urinary aldosterone levels were decreased after doses of Aliskiren .gtoreq.80 mg and after enalapril. Aliskiren at 160 and 640 mg enhanced natriuresis on Day 1 by +45 and +62%, resp., compared with placebo (100%, ie, 87 mmol/24h) and enalapril (+54%); kaliuresis remained unchanged. In conclusion, the renin inhibitor Aliskiren dose-dependently decreases Ang II levels in humans following oral administration. The effect is long-lasting and, at a dose of 160 mg, is equiv. to that of 20 mg enalapril. Aliskiren has the potential to become the 1st orally active renin inhibitor that provides a true alternative to ACE-inhibitors and Ang II receptor antagonists in therapy for hypertension and other cardiovascular and renal diseases.
IT **173334-57-1**, Aliskiren
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

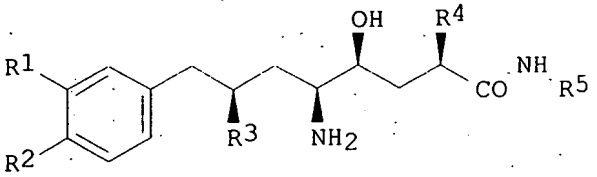
(oral renin inhibitor aliskiren)
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 7 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:89992 HCAPLUS
DOCUMENT NUMBER: 136:134582
TITLE: Process for the preparation of substituted octanoyl amides
INVENTOR(S): Herold, Peter; Stutz, Stefan
PATENT ASSIGNEE(S): Speedel Pharma A.-G., Switz.
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008172	A1	20020131	WO 2001-CH400	20010626

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: CH 2000-1464 A 20000725
OTHER SOURCE(S): CASREACT 136:134582; MARPAT 136:134582
GI



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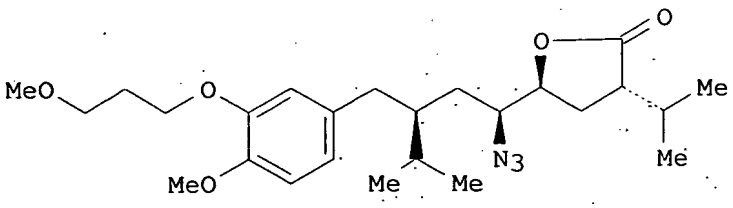


II

AB A process for the prepn. of octanoyl amides, such as I [R1, R2 = H, alkyl, haloalkyl, alkoxy, alkyloxyalkyl, etc.; R3, R4 = alkyl; R5 = alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, acylalkyl, etc.], was described. Thus, amino-amide I [R1 = O(CH2)3OMe, R2 = OMe, R3 = R4 = CHMe2, R5 = CH2CMe2CONH2] was prepd. via reaction of azide II with H2NCH2CMe2CONH2 using 2-hydroxypyridine and Et3N and stirring for 16 h to achieve opening of the lactone and concomitant formation of the corresponding azido-amide in quant. yield. The azido-amide was subsequently hydrogenated for 3 h using Pd/C and H2N(CH2)2OH in Me3COMe at 3.0 bar to give the desired amino-amide in 81% yield.

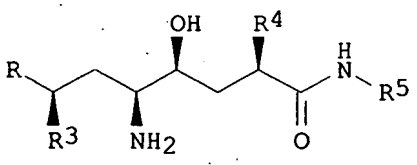
IT **173334-57-1P**
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP

(Preparation)
(process for the prepn. of substituted octanoyl amides)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 8 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:31398 HCAPLUS
DOCUMENT NUMBER: 136:85612
TITLE: Process for the prepn. of substituted octanoyl amides utilizing a stereoselective halolactonization
INVENTOR(S): Herold, Peter; Stutz, Stefan; Spindler, Felix
PATENT ASSIGNEE(S): Speedel Pharma Ag, Switz.
SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002508	A1	20020110	WO 2001-CH399	20010626
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1296935	A1	20030402	EP 2001-940047	20010626
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: CH 2000-1329 A 20000705
CH 2000-2450 A 20001215
WO 2001-CH399 W 20010626
OTHER SOURCE(S): CASREACT 136:85612; MARPAT 136:85612
GI



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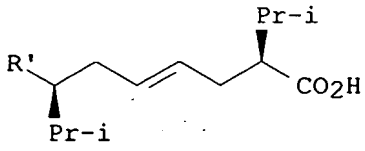

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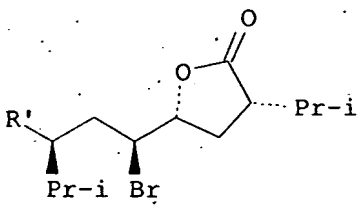

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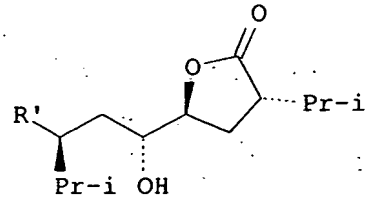


IV

AB A process for the prepn. of compds. I [R = 3-R1-4-R2-C6H3CH2; R1-2 = H, alkyl, haloalkyl, alkoxy, alkoxy-alkyl, etc.] is disclosed. The process involves NBS induced lactonization of II to the cis-lactone III [CH2Cl2,

(prepn. of .beta.-amino acid-contg. dipeptide isostere as renin inhibitor using a nitrone intermediate)

IT **325154-32-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of .beta.-amino acid-contg. dipeptide isostere as renin inhibitor using a nitrone intermediate)

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 10 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:101097 HCAPLUS
DOCUMENT NUMBER: 134:162829
TITLE: Preparation of 5-amino-8-aryl-2,7-dialkyl-4-hydroxyoctanoamides
INVENTOR(S): Herold, Peter; Stutz, Stefan; Indolese, Adriano
PATENT ASSIGNEE(S): Speedel Pharma Ag, Switz.
SOURCE: PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001009083	A1	20010208	WO 2000-CH384	20000713
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1200390	A1	20020502	EP 2000-940108	20000713
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				

PRIORITY APPLN. INFO.: CH 1999-1401 A 19990729
CH 2000-44 A 20000111
WO 2000-CH384 W 20000713

OTHER SOURCE(S): CASREACT 134:162829; MARPAT 134:162829

AB R1CH2CHR3CH2CHR6CHR7CHR4COR [I; R = NHR5, R1 = 3,4-(un)substituted Ph, R6 = NH2, R7 = OH][II; R3,R4 = alkyl, R5 = (un)substituted alkyl] were prepd. by (stereoselective) halohydroxylation and cyclization of (chiral)(E)-I (R = NR2R8; R2,R8 = alkyl, R2R8 = atoms to complete a ring, R6R7 = bond)(III)(prepn. given) to give (chiral) I (RR7 = O, R6 = halo) followed by azidation, ring-opening amidation by R5NH2, and redn. All-(S)-II can be obtained with a high degree of purity from (2S,7R)-III.

IT **325154-33-4P**
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of 5-amino-8-aryl-2,7-dialkyl-4-hydroxyoctanoamides)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:872595 HCAPLUS
DOCUMENT NUMBER: 134:162794
TITLE: A convergent synthesis of the renin inhibitor CGP60536B
AUTHOR(S): Sandham, D. A.; Taylor, R. J.; Carey, J. S.; Fassler,

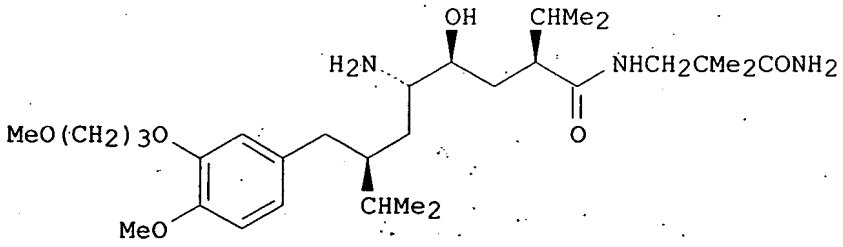
A.
CORPORATE SOURCE: Novartis Pharmaceuticals UK Ltd, Horsham Research Centre, Horsham, West Sussex, RH12 5AB, UK
SOURCE: Tetrahedron Letters (2000), 41(51), 10091-10094
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:162794

AB Pseudoephedrine serves as a dual purpose chiral auxiliary and protecting group in the synthesis of the novel orally active renin inhibitor CGP60536B, a peptidomimetic.

IT **173334-58-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(asym. synthesis of peptidomimetic CGP60536B)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:872594 HCAPLUS
DOCUMENT NUMBER: 134:162793
TITLE: A convergent synthesis approach towards CGP60536B, a non-peptide orally potent renin inhibitor, via an enantiomerically pure keto lactone intermediate
AUTHOR(S): Rueger, H.; Stutz, S.; Goschke, R.; Spindler, F.; Maibaum, J.
CORPORATE SOURCE: Metabolic and Cardiovascular Diseases, Novartis Pharma AG, Basel, CH-4002, Switz.
SOURCE: Tetrahedron Letters (2000), 41(51), 10085-10089
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:162793
GI



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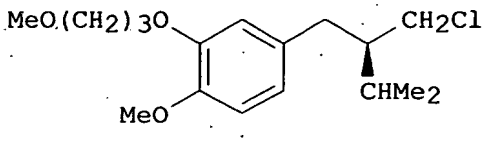
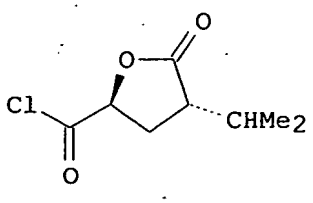


II



III

AB A convergent synthesis of the potent orally active non-peptide renin inhibitor CGP60536B I is reported. The key reaction employs the coupling of the enantiopure Grignard species derived from chloride II with the diastereomerically pure .gamma.-lactone III. The stereoselective redn. of

the resulting ketone was thoroughly investigated.
IT **173334-58-2P 325154-32-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(asym. synthesis of CGP60536B peptidomimetic via enantiopure keto lactone intermediate)
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:536434 HCAPLUS
DOCUMENT NUMBER: 133:217282
TITLE: Structure-based drug design: the discovery of novel nonpeptide orally active inhibitors of human renin
AUTHOR(S): Rahuel, J.; Rasetti, V.; Maibaum, J.; Rueger, H.; Goschke, R.; Cohen, N-C.; Stutz, S.; Cumin, F.; Fuhrer, W.; Wood, J. M.; Grutter, M. G.
CORPORATE SOURCE: Metabolic and Cardiovascular Diseases, Novartis Pharma AG, Basel, CH-4002, Switz.
SOURCE: Chemistry & Biology (2000), 7(7), 493-504
CODEN: CBOLE2; ISSN: 1074-5521
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Background: The aspartic proteinase renin plays an important physiol. role in the regulation of blood pressure. It catalyzes the first step in the conversion of angiotensinogen to the hormone angiotensin II. In the past, potent peptide inhibitors of renin have been developed, but none of these compds. has made it to the end of clin. trials. Our primary aim was to develop novel nonpeptide inhibitors. Based on the available structural information concerning renin-substrate interactions, we synthesized inhibitors in which the peptide portion was replaced by lipophilic moieties that interact with the large hydrophobic S1/S3-binding pocket in renin. Results: Crystal structure anal. of renin-inhibitor complexes combined with computational methods were employed in the medicinal-chem. optimization process. Structure anal. revealed that the newly designed inhibitors bind as predicted to the S1/S3 pocket. In addn., however, these compds. interact with a hitherto unrecognized large, distinct, sub-pocket of the enzyme that extends from the S3-binding site towards the hydrophobic core of the enzyme. Binding to the S3sp sub-pocket was essential for high binding affinity. This unprecedented binding mode guided the drug-design process in which the mostly hydrophobic interactions within subsite S3sp were optimized. Conclusions: Our design approach led to compds. with high in vitro affinity and specificity for renin, favorable bioavailability and excellent oral efficacy in lowering blood pressure in primates. These renin inhibitors are therefore potential therapeutic agents for the treatment of hypertension and related cardiovascular diseases.
IT **173334-57-1 173399-55-8**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(nonpeptide orally active inhibitors of human renin)
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:310032 HCAPLUS
DOCUMENT NUMBER: 133:68299
TITLE: Direct micro-radioimmunoassay of the new renin inhibitor CGP 60536
AUTHOR(S): Lefevre, Gilbert; Duval, Martine; Poncin, Alain
CORPORATE SOURCE: Novartis Pharma AG, Clinical Pharmacology, Basel, Switz.

renin

AUTHOR(S): Boschke, Richard; Cohen, Nissim Claude; Wood, Jeanette M.; Maibaum, Jurgen

CORPORATE SOURCE: Metabolic Cardiovascular Diseases, Novartis Pharma AG, Basel, CH-4002, Switz.

SOURCE: Bioorganic & Medicinal Chemistry Letters (1997), 7(21), 2735-2740
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English

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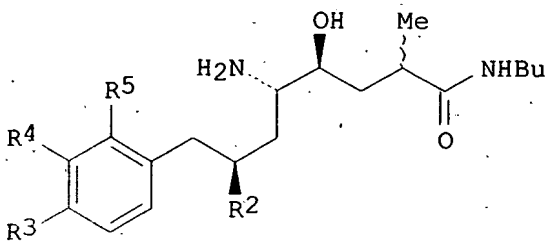

I

AB Novel low-mol. wt. transition-state peptidomimetic renin inhibitors I (R2 = Me, Et, CHMe2, CH2CHMe2, CMe3, Ph; R3 = H, Ph, CMe3; R4 = H, OH, OBu, OCH2CH:CH2, OCH2CO2Me, OCH2CO2H, OCH2CONH2, OCH2SO2Me; R5 = H, OCH2CO2Et), characterized by an all-carbon 8-Ph substituted octanecarboxamide skeleton have been discovered based on a topog. design approach. The in vitro most potent inhibitors I (R2 = CHMe2, R3 = CMe3, R5 = H; R4 = OCH2CO2Me, OCH2OCONH2, OCH2SO2Me), incorporating a strong H-bond acceptor group linked to the benzyl spacer of the (P3-P1)-unit had IC50 values in the low nanomolar range against human renin.

IT **173399-31-0P 173399-34-3P 173399-50-3P**
198641-46-2P 198641-47-3P 198641-48-4P
198641-50-8P 198641-51-9P 198641-52-0P
198641-53-1P 198641-54-2P 198641-55-3P
198641-57-5P 198641-58-6P 198641-61-1P
198641-63-3P 198641-65-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(design and prepn. of substituted amino(hydroxy)phenyloctanecarboxamide peptidomimetics as potent human renin inhibitors)

L9 ANSWER 17 OF 20 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:995373 HCAPLUS
DOCUMENT NUMBER: 124:201791
TITLE: Preparation of .delta.-amino-.gamma.-hydroxy-.omega.-arylalkanoic acid amides as renin inhibitors.
INVENTOR(S): Goeschke, Richard; Maibaum, Juergen Klaus; Schilling, Walter; Stutz, Stefan; Rigollier, Pascal; Yamaguchi, Yasuchika; Cohen, Nissim Claude; Herold, Peter
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
SOURCE: Eur. Pat. Appl., 115 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 678503	A1	19951025	EP 1995-810236	19950407
EP 678503	B1	19990901		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
US 5559111	A	19960924	US 1995-416242	19950404
AT 183997	E	19990915	AT 1995-810236	19950407
ES 2137478	T3	19991216	ES 1995-810236	19950407
FI 9501771	A	19951019	FI 1995-1771	19950412
NO 9501441	A	19951019	NO 1995-1441	19950412
AU 9516421	A1	19951026	AU 1995-16421	19950412
AU 699616	B2	19981210		
ZA 9503051	A	19951018	ZA 1995-3051	19950413
ZA 9503052	A	19951018	ZA 1995-3052	19950413
CA 2147056	AA	19951019	CA 1995-2147056	19950413
ZA 9503050	A	19951108	ZA 1995-3050	19950413
HU 71701	A2	19960129	HU 1995-1078	19950414
HU 74074	A2	19961028	HU 1995-1076	19950414
CZ 287935	B6	20010314	CZ 1995-976	19950414
TW 402582	B	20000821	TW 1995-84103732	19950415
CN 1117960	A	19960306	CN 1995-105037	19950417
IL 113403	A1	20010724	IL 1995-113403	19950417
JP 08081430	A2	19960326	JP 1995-92532	19950418
JP 3240322	B2	20011217		
US 5654445	A	19970805	US 1996-674555	19960702
US 5627182	A	19970506	US 1996-687878	19960725
US 5646143	A	19970708	US 1996-687277	19960725
US 5705658	A	19980106	US 1997-800671	19970214

PRIORITY APPLN. INFO.: CH 1994-1169 A 19940418
US 1995-416242 A3 19950404
US 1996-687277 A3 19960725

OTHER SOURCE(S): MARPAT 124:201791

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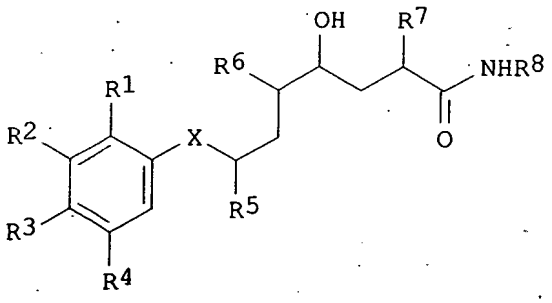

I

AB Title compds. [I; R1 = H, OH, alkoxy, cycloalkoxy, alkoxyalkoxy, (amidated or esterified) CO2H; R2 = H, alkyl, cylcoalkyl, alkoxyalkyl, cycloalkoxyalkyl, OH, hydroxyalkoxy, heteroarylalkyl, etc.; R3 = (halogenated) alkyl, alkoxyalkyl, hydroxyalkyl, (S-oxidized) alkylthioalkyl, etc.; R4 = H, alkyl, OH, alkoxy, cycloalkoxy; R3R4 = alkylenedioxy, condensed benzo- or cyclohexeno ring; X = CH2, CHOH; R5 = alkyl, cycloalkyl; R6 = (alkylated alkanoylated) amino; R7 = alkyl, alkenyl, cycloalkyl, aralkyl; R8 = alkyl, cycloalkyl, (esterified or etherified) hydroxyalkyl, (esterified or amidated) carboxyalkyl, etc.], were prepd. Thus, 2(R,S)-methyl-4(S)-hydroxy-5(S)-amino-7(S)-isopropyl-8-(p-tert-butylphenyl)octanoic acid N-butylamide hydrochloride was prepd. in several steps starting with 3-isovaleryl-4(R)-benzyloxazolidin-2-one and p-tert-butylbenzyl bromide. I inhibited human plasma renin with IC50 =

10-6-10-10 M, and reduced blood pressure in marmosets at 0.003-0.3 mg/kg i.v.

IT 172900-85-5P 172900-93-5P 172900-96-8P
173007-35-7P 173154-08-0P 173154-15-9P
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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of .delta.-amino-.gamma.-hydroxy-.omega.-arylalkanoic acid amides as renin inhibitors)

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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of .delta.-amino-.gamma.-hydroxy-.omega.-arylalkanoic acid amides as renin inhibitors)

L9 ANSWER 18 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:995369 HCAPLUS
DOCUMENT NUMBER: 124:145882
TITLE: Preparation of chiral 4-(oxotetrahydrofuryl)butyrates and analogs as antihypertensive intermediates
INVENTOR(S): Goeschke, Richard; Herold, Peter; Rigollier, Pascal; Maibaum, Juergen Klaus
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
SOURCE: Eur. Pat. Appl., 30 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 678514	A1	19951025	EP 1995-810237	19950407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
US 5606078	A	19970225	US 1995-416237	19950404
FI 9501772	A	19951019	FI 1995-1772	19950412
NO 9501442	A	19951019	NO 1995-1442	19950412
AU 9516420	A1	19951026	AU 1995-16420	19950412
CA 2147052	AA	19951019	CA 1995-2147052	19950413
HU 72110	A2	19960328	HU 1995-1077	19950414
JP 08053434	A2	19960227	JP 1995-92526	19950418
US 5654445	A	19970805	US 1996-674555	19960702
US 5627182	A	19970506	US 1996-687878	19960725
US 5646143	A	19970708	US 1996-687277	19960725
US 5705658	A	19980106	US 1997-800671	19970214

PRIORITY APPLN. INFO.:
CH 1994-1169 A 19940418
CH 1995-246 A 19950130
US 1995-416242 A3 19950404
US 1996-687277 A3 19960725

OTHER SOURCE(S): MARPAT 124:145882
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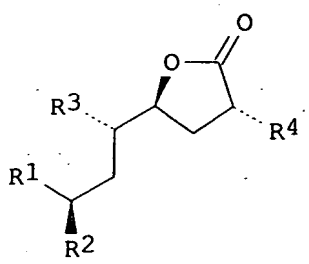

I

AB Title compds. [I; R1 = (esterified) CO2H, CH2OH, CHO; R2,R4 = (cyclo)aliph, group, (hetero)arylaliph. group, etc.; R3 = N3, (aryl)aliph. group-substituted NH2, protected NH2] were prepd. as intermediates for antihypertensive amides. Thus, 1,4-dibromo-2-butene was dialkylated by 4(S)-benzyl-3-isovealeryloxazolidin-2-one and the brominated product treated with Bu4NN3 to give 3-[2(S)-[2(S)-azido-2(S)-[4(S)-isopropyl-5-oxotetrahydrofuran-2(S)-yl]ethyl]-3-methylbutyryl]-4(S)-benzyloxazolidin-2-one which was treated with H2O2/LiOH to give 2(S)-[2(S)-azido-2(S)-[4(S)-isopropyl-5-oxotetrahydrofuran-2(S)-yl]ethyl]-3-methylbutyric acid.

IT **173154-08-0P 173154-15-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of chiral 4-(oxotetrahydrofuryl)butyrates and analogs as antihypertensive intermediates)

L9 ANSWER 19 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:995203 HCAPLUS
DOCUMENT NUMBER: 124:117982
TITLE: Preparation of .alpha.-amino alkanoic acids and reduction products as intermediates in the preparation of renin inhibitors.
INVENTOR(S): Goeschke, Richard
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
SOURCE: Eur. Pat. Appl., 45 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 678500	A1	19951025	EP 1995-810238	19950407
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US 5659065	A	19970819	US 1995-416240	19950404
FI 9501773	A	19951019	FI 1995-1773	19950412
NO 9501443	A	19951019	NO 1995-1443	19950412
AU 9516423	A1	19951026	AU 1995-16423	19950412
CA 2147044	AA	19951019	CA 1995-2147044	19950413
JP 08027079	A2	19960130	JP 1995-92827	19950418
US 5654445	A	19970805	US 1996-674555	19960702
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PRIORITY APPLN. INFO.:
CH 1994-1169 A 19940418
CH 1995-247 A 19950130
US 1995-416242 A3 19950404
US 1996-687277 A3 19960725

OTHER SOURCE(S): MARPAT 124:117982
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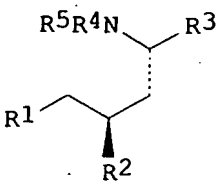


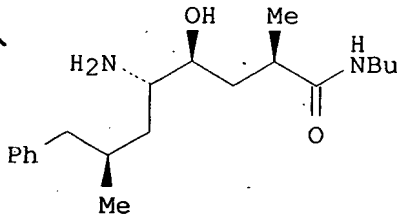
I

AB Title compds. [I; R1 = aliphatyl, cycloaliphatyl, aryl, heteroaryl,

protected or etherified OH, etherified SH, etc.; R2 = aliphatyl, cycloaliphatyl, araliphatyl, heteroaraliphatyl, etc.; R1r2 = divalent aliphatyl; R3 = (esterified) carboxy, formyl, hydroxymethyl; R4 = H, aliphatyl, araliphatyl, protecting group; R5 = H, aliphatyl], were prepd. Thus, glycine anhydride was stirred 64 h with Et3OBF4 in CH2Cl2 to give 76% 3,6-diethoxy-2,5-dihydropyrazine. The latter in THF at -40.degree. was treated with BuLi and then with 2(R)-[4-methoxy-3-(3-methoxypropoxy)benzyl]-3-methylbutyl bromide; the mixt. was stirred 18 h at -20.degree. to give 2(S)-[2(S)-[4-methoxy-3-(3-methoxypropoxy)benzyl]-3-methylbutyl]-3,6-diethoxy-2,5-dihydropyran. This was stirred 30 min. with HCl in MeCN to give Et 2(S)-amino-4(S)-[4-methoxy-3-(3-methoxypropoxy)benzyl]-5-methylhexanoate.

IT **172900-85-5P 172900-93-5P 172900-96-8P 173007-35-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of .alpha.-amino alkanoic acids and redn. products as intermediates in the prepn. of renin inhibitors)

L9 ANSWER 20 OF 20 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:655365 HCAPLUS
DOCUMENT NUMBER: 121:255365
TITLE: Design and synthesis of a prototypical non-peptidic inhibitor model for the enzyme renin
AUTHOR(S): Hanessian, Stephen; Raghavan, Sadagopan
CORPORATE SOURCE: Dep. Chem., Univ. Montreal, Montreal, H3C 3J7, Can.
SOURCE: Bioorganic & Medicinal Chemistry Letters (1994), 4(14), 1697-702
CODEN: BMCLE8; ISSN: 0960-894X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 121:255365
GI



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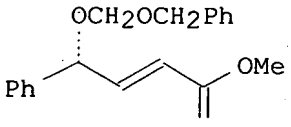

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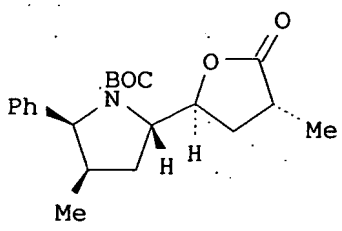

III

AB The synthesis of non-peptide acyclic and conformationally constrained compds. is described with the intention of designing models and chem. intermediates, for an inhibitor of the enzyme renin. Thus, amide I was prepd. via stereoselective conjugate addn. of Me2CuLi to butenoate II and condensation of BuNHAlMe2 with furanone III.

IT **158609-92-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. and renin inhibition by)

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DICTIONARY FILE UPDATES: 16 APR 2003 HIGHEST RN 503266-82-8

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http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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272	RN	173335-12-1	REGISTRY
273	RN	173335-11-0	REGISTRY
274	RN	173335-10-9	REGISTRY
275	RN	173335-09-6	REGISTRY
276	RN	173335-08-5	REGISTRY
277	RN	173335-07-4	REGISTRY
278	RN	173335-06-3	REGISTRY
279	RN	173335-05-2	REGISTRY
280	RN	173335-04-1	REGISTRY
281	RN	173335-03-0	REGISTRY
282	RN	173335-02-9	REGISTRY
283	RN	173335-01-8	REGISTRY
284	RN	173335-00-7	REGISTRY
285	RN	173334-99-1	REGISTRY
286	RN	173334-98-0	REGISTRY
287	RN	173334-97-9	REGISTRY
288	RN	173334-96-8	REGISTRY
289	RN	173334-95-7	REGISTRY
290	RN	173334-94-6	REGISTRY
291	RN	173334-93-5	REGISTRY
292	RN	173334-92-4	REGISTRY
293	RN	173334-91-3	REGISTRY
294	RN	173334-89-9	REGISTRY
295	RN	173334-88-8	REGISTRY
296	RN	173334-87-7	REGISTRY
297	RN	173334-86-6	REGISTRY
298	RN	173334-85-5	REGISTRY
299	RN	173334-84-4	REGISTRY
300	RN	173334-83-3	REGISTRY
301	RN	173334-82-2	REGISTRY
302	RN	173334-81-1	REGISTRY
303	RN	173334-80-0	REGISTRY
304	RN	173334-79-7	REGISTRY
305	RN	173334-78-6	REGISTRY
306	RN	173334-77-5	REGISTRY
307	RN	173334-76-4	REGISTRY
308	RN	173334-75-3	REGISTRY
309	RN	173334-74-2	REGISTRY
310	RN	173334-73-1	REGISTRY
311	RN	173334-72-0	REGISTRY
312	RN	173334-71-9	REGISTRY
313	RN	173334-70-8	REGISTRY
314	RN	173334-69-5	REGISTRY

315	RN	173334-68-4	REGISTRY
316	RN	173334-67-3	REGISTRY
317	RN	173334-66-2	REGISTRY
318	RN	173334-65-1	REGISTRY
319	RN	173334-64-0	REGISTRY
320	RN	173334-63-9	REGISTRY
321	RN	173334-62-8	REGISTRY
322	RN	173334-61-7	REGISTRY
323	RN	173334-60-6	REGISTRY
324	RN	173334-59-3	REGISTRY
325	RN	173334-58-2	REGISTRY
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327	RN	173334-56-0	REGISTRY
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331	RN	173334-52-6	REGISTRY
332	RN	173334-51-5	REGISTRY
333	RN	173334-50-4	REGISTRY
334	RN	173334-49-1	REGISTRY
335	RN	173334-48-0	REGISTRY
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337	RN	173334-46-8	REGISTRY
338	RN	173334-45-7	REGISTRY
339	RN	173334-44-6	REGISTRY
340	RN	173334-43-5	REGISTRY
341	RN	173334-42-4	REGISTRY
342	RN	173334-41-3	REGISTRY
343	RN	173334-40-2	REGISTRY
344	RN	173334-39-9	REGISTRY
345	RN	173334-38-8	REGISTRY
346	RN	173334-37-7	REGISTRY
347	RN	173334-36-6	REGISTRY
348	RN	173334-35-5	REGISTRY
349	RN	173334-34-4	REGISTRY
350	RN	173334-33-3	REGISTRY
351	RN	173334-32-2	REGISTRY
352	RN	173334-31-1	REGISTRY
353	RN	173334-30-0	REGISTRY
354	RN	173334-29-7	REGISTRY
355	RN	173334-28-6	REGISTRY
356	RN	173334-27-5	REGISTRY
357	RN	173334-26-4	REGISTRY
358	RN	173334-25-3	REGISTRY
359	RN	173334-24-2	REGISTRY
360	RN	173334-23-1	REGISTRY
361	RN	173334-22-0	REGISTRY
362	RN	173334-21-9	REGISTRY
363	RN	173334-20-8	REGISTRY
364	RN	173334-19-5	REGISTRY
365	RN	173334-18-4	REGISTRY
366	RN	173334-17-3	REGISTRY
367	RN	173334-16-2	REGISTRY
368	RN	173334-15-1	REGISTRY
369	RN	173334-14-0	REGISTRY
370	RN	173334-13-9	REGISTRY
371	RN	173334-12-8	REGISTRY
372	RN	173334-11-7	REGISTRY
373	RN	173334-10-6	REGISTRY
374	RN	173334-09-3	REGISTRY
375	RN	173334-08-2	REGISTRY
376	RN	173334-07-1	REGISTRY
377	RN	173334-06-0	REGISTRY

378	RN	173334-05-9	REGISTRY
379	RN	173334-04-8	REGISTRY
380	RN	173334-03-7	REGISTRY
381	RN	173334-02-6	REGISTRY
382	RN	173334-01-5	REGISTRY
383	RN	173334-00-4	REGISTRY
384	RN	173333-99-8	REGISTRY
385	RN	173333-98-7	REGISTRY
386	RN	173333-97-6	REGISTRY
387	RN	173333-96-5	REGISTRY
388	RN	173154-15-9	REGISTRY
389	RN	173154-08-0	REGISTRY
390	RN	173007-35-7	REGISTRY
391	RN	172900-96-8	REGISTRY
392	RN	172900-93-5	REGISTRY
393	RN	172900-85-5	REGISTRY
394	RN	158609-92-8	REGISTRY

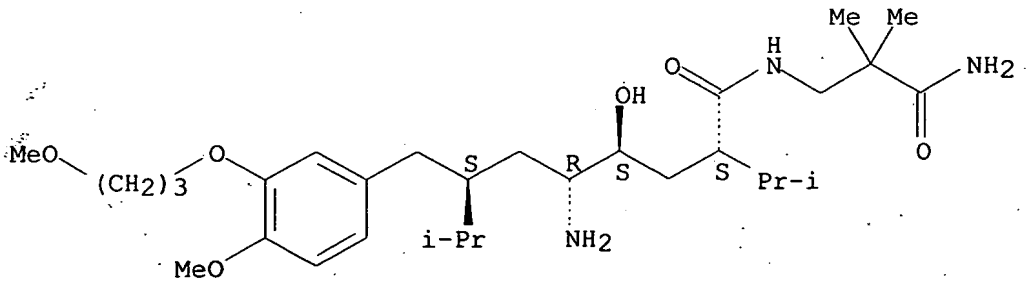
=>
=>
=> d ide can l7 1 3 10 17 20 25 30 35 40 44 50 55 60 65 70 75 80 84 180 197 285 384 388 390 391 394

L7 ANSWER 1 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 325154-33-4 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-(3-amino-2,2-dimethyl-3-oxopropyl)-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-, (.alpha.S,.gamma.S,.delta.R,.zeta.S)-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H53 N3 O6 . C4 H4 O4
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 325154-32-3
CMF C30 H53 N3 O6

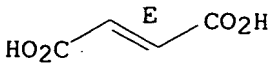
Absolute stereochemistry.



CM 2

CRN 110-17-8
CMF C4 H4 O4

Double bond geometry as shown.

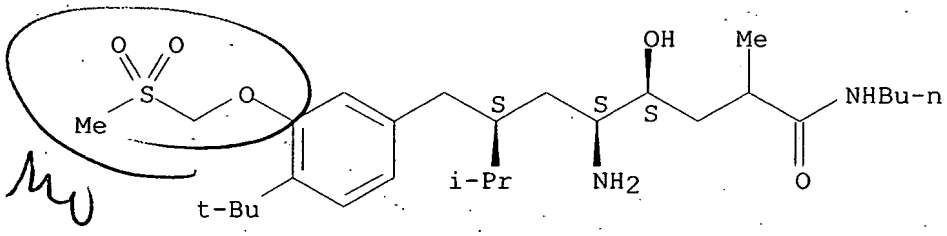


1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 134:162829

L7 ANSWER 3 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 198641-65-5 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-4-(1,1-dimethylethyl)-.gamma.-hydroxy-.alpha.-methyl-.zeta.-(1-methylethyl)-3-[(methylsulfonyl)methoxy]-, (.gamma.S,.delta.S,.zeta.S)-[partial]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H50 N2 O5 S
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



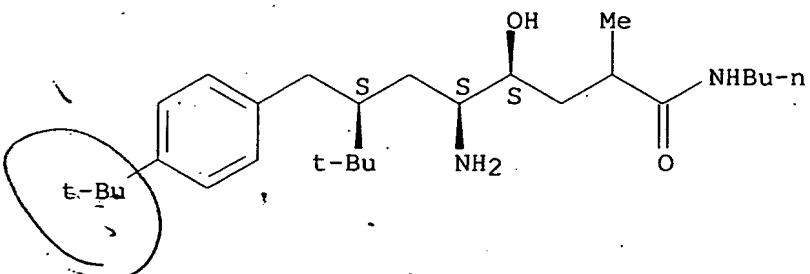
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 127:359067

L7 ANSWER 10 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 198641-53-1 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-.zeta.,4-bis(1,1-dimethylethyl)-.gamma.-hydroxy-.alpha.-methyl-, (.gamma.S,.delta.S,.zeta.S)-[partial]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H48 N2 O2
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



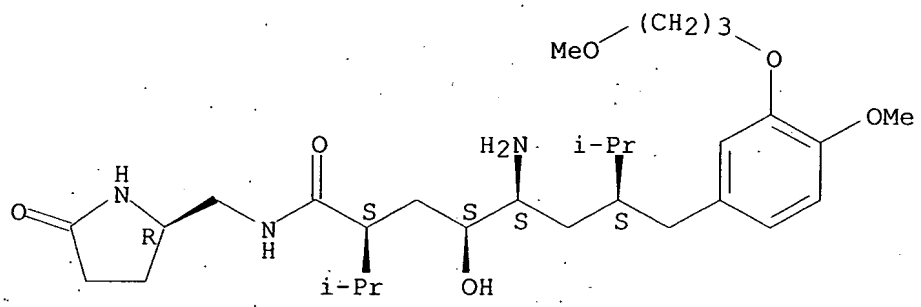
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 127:359067

L7 ANSWER 17 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173521-37-4 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-N-[(5-oxo-2-pyrrolidinyl)methyl]-, [2R-[2R*(.alpha.S*,.gamma.S*,.delta.S*,.zeta.S*)]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H51 N3 O6
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



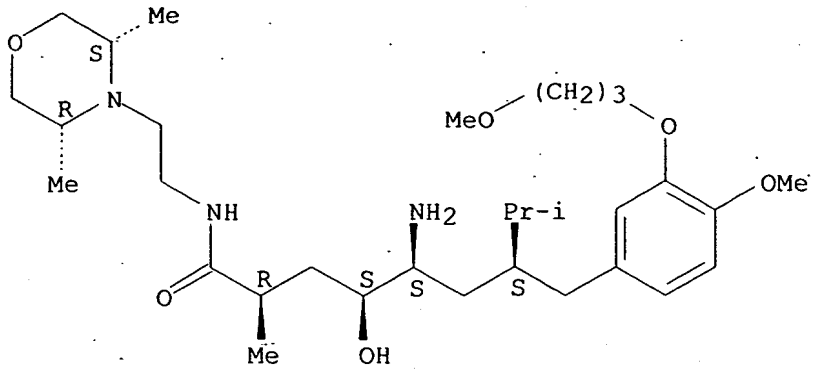
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 20 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173521-34-1 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-[2-(3,5-dimethyl-4-morpholinyl)ethyl]-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.-methyl-.zeta.-(1-methylethyl)-, [4(.alpha.R)-[3.alpha.,4(.alpha.R*,.gamma.S*,.delta.S*,.zeta.R*),5.alpha.]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H55 N3 O6
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



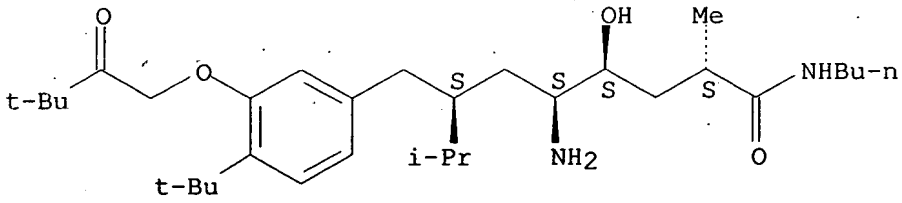
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 25 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173521-29-4 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-4-(1,1-dimethylethyl)-3-(3,3-dimethyl-2-oxobutoxy)-.gamma.-hydroxy-.alpha.-methyl-.zeta.-(1-methylethyl)-, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H56 N2 O4
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

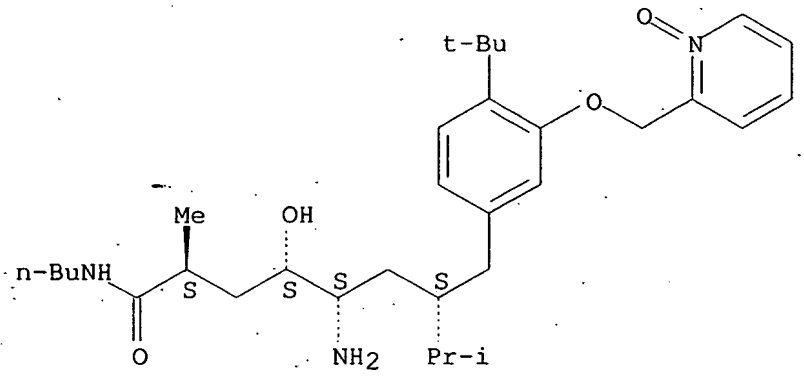
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 30 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173521-24-9 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-4-(1,1-dimethylethyl)-.gamma.-hydroxy-.alpha.-methyl-.zeta.-(1-methylethyl)-3-[(1-oxido-2-pyridinyl)methoxy]-, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H51 N3 O4

CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



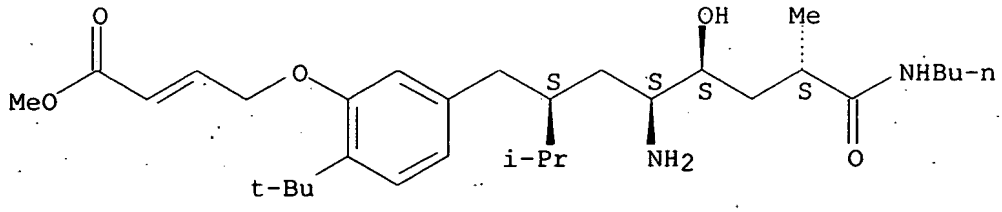
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 35 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173521-19-2 REGISTRY
CN 2-Butenoic acid, 4-[5-[4-amino-8-(butylamino)-5-hydroxy-7-methyl-2-(1-methylethyl)-8-oxooctyl]-2-(1,1-dimethylethyl)phenoxy]-, methyl ester, [2S-(2R*,4R*,5R*,7R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H52 N2 O5
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.
Double bond geometry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

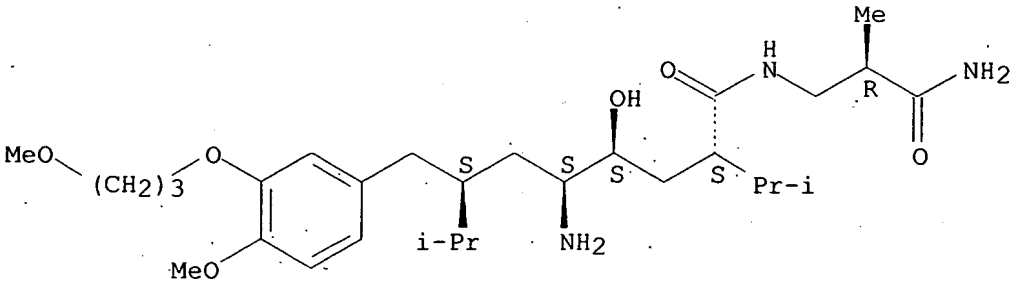
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 40 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173521-14-7 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-(3-amino-2-methyl-3-oxopropyl)-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-,

[.alpha.S-[N(S*),.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H51 N3 O6
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



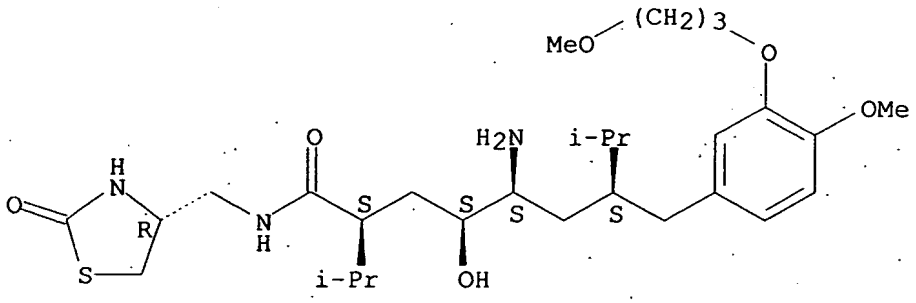
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 44 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-39-0 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-N-[(2-oxo-4-thiazolidinyl)methyl]-, [4R-[4R*(.alpha.S*,.gamma.S*,.delta.S*,.zeta.S*)]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H49 N3 O6 S
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



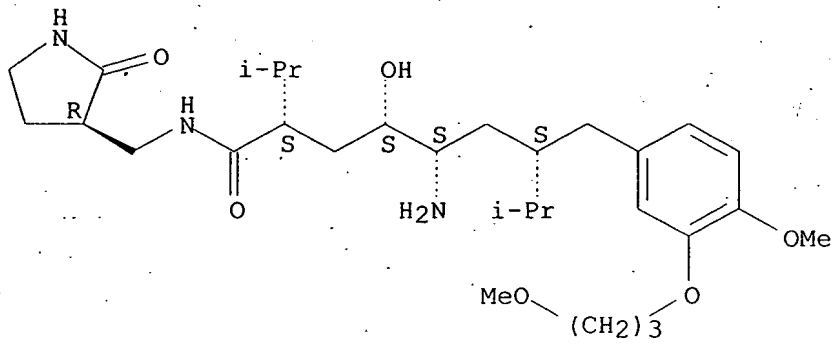
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 50 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-33-4 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-N-[(2-oxo-3-pyrrolidinyl)methyl]-, [3R-[3R*(.alpha.S*,.gamma.S*,.delta.S*,.zeta.S*)]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H51 N3 O6
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



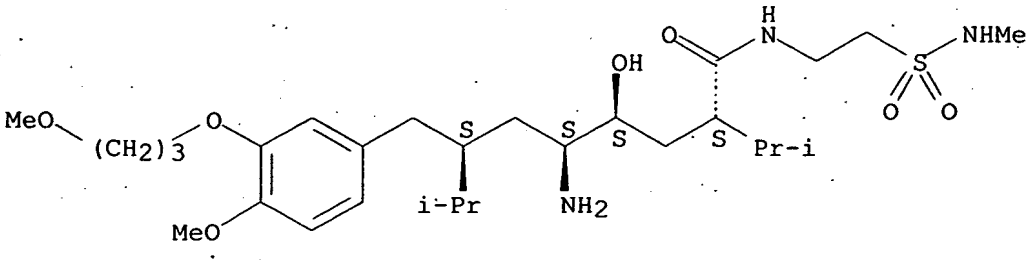
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 55 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-28-7 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-N-[2-[(methylamino)sulfonyl]ethyl]-.alpha.,.zeta.-bis(1-methylethyl)-, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H51 N3 O7 S
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



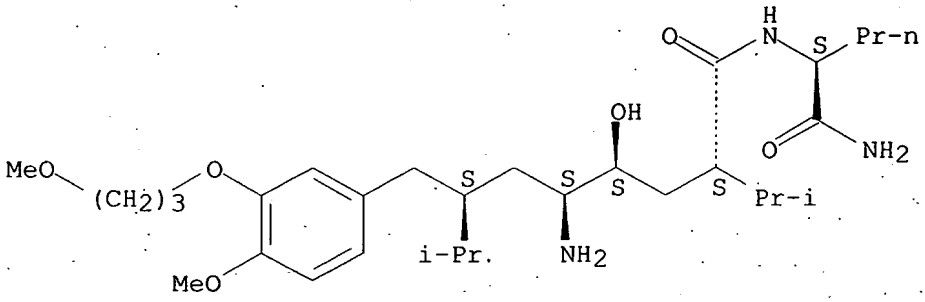
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 60 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-23-2 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-[1-(aminocarbonyl)butyl]-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H53 N3 O6
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



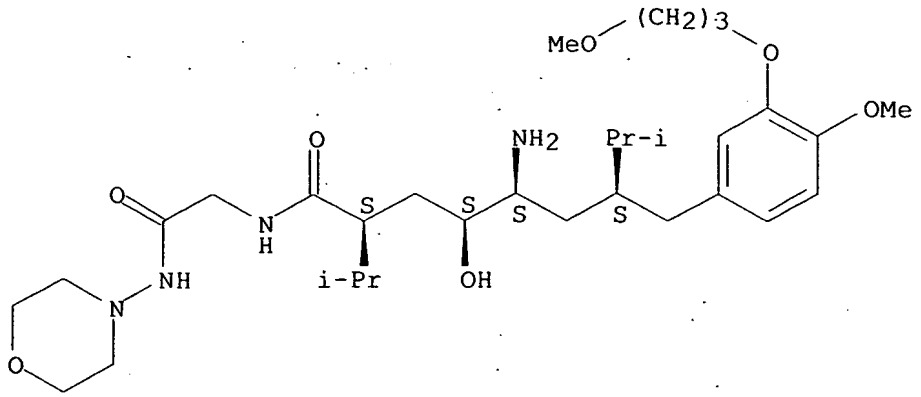
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 65 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-18-5 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-N-[2-(4-morpholinylamino)-2-oxoethyl]-, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H54 N4 O7
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



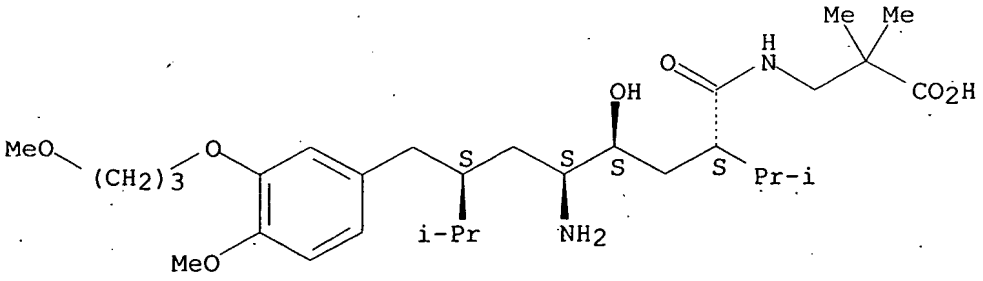
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 70 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-13-0 REGISTRY
CN Propanoic acid, 3-[[5-amino-4-hydroxy-7-[[4-methoxy-3-(3-methoxypropoxy)phenyl]methyl]-8-methyl-2-(1-methylethyl)-1-oxononyl]amino]-2,2-dimethyl-, [2S-(2R*,4R*,5R*,7R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H52 N2 O7
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

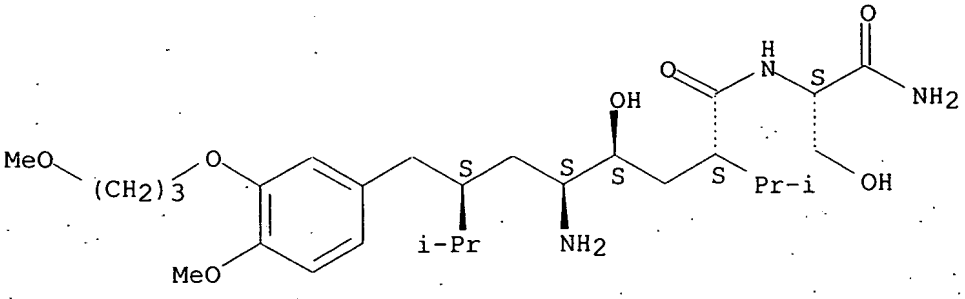
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 75 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-08-3 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-[2-amino-1-(hydroxymethyl)-2-oxoethyl]-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI)

(CA INDEX NAME)
FS STEREOSEARCH
MF C28 H49 N3 O7
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



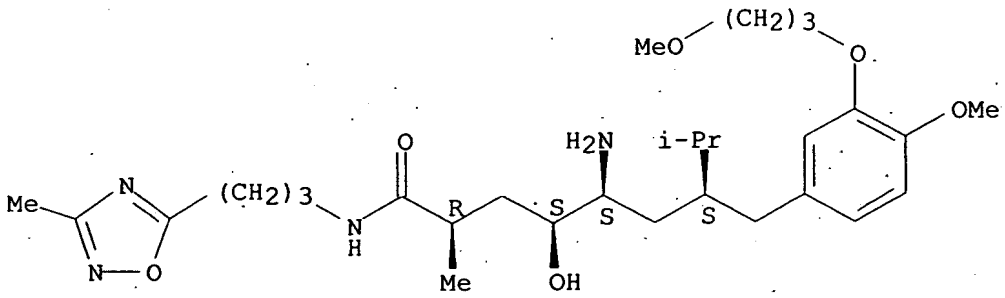
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 80 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173400-03-8 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.-methyl-.zeta.-(1-methylethyl)-N-[3-(3-methyl-1,2,4-oxadiazol-5-yl)propyl]-, [.alpha.R-(.alpha.R*,.gamma.S*,.delta.S*,.zeta.S*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H48 N4 O6
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



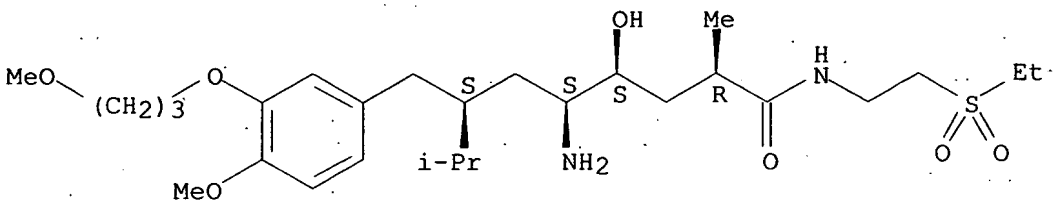
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 84 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173399-99-0 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-[2-(ethylsulfonyl)ethyl]-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.-methyl-.zeta.-(1-methylethyl)-, [.alpha.R-(.alpha.R*,.gamma.S*,.delta.S*,.zeta.S*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H48 N2 O7 S
CI COM
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



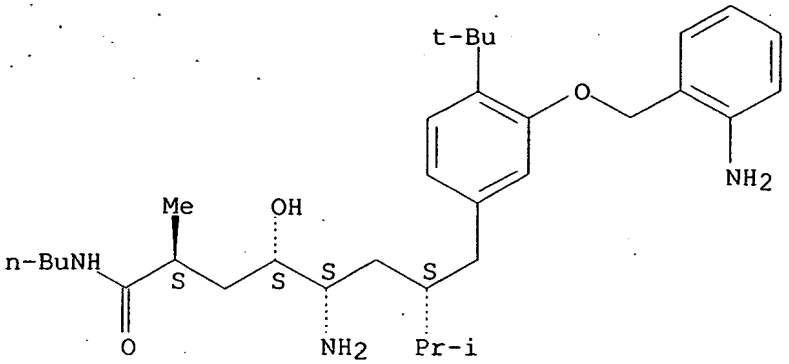
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 180 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173398-99-7 REGISTRY
CN Benzeneoctanamide, .delta.-amino-3-[(2-aminophenyl)methoxy]-N-butyl-4-(1,1-dimethylethyl)-.gamma.-hydroxy-.alpha.-methyl-.zeta.-(1-methylethyl)-, monohydrochloride, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H53 N3 O3 . Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (173521-31-8)

Absolute stereochemistry.



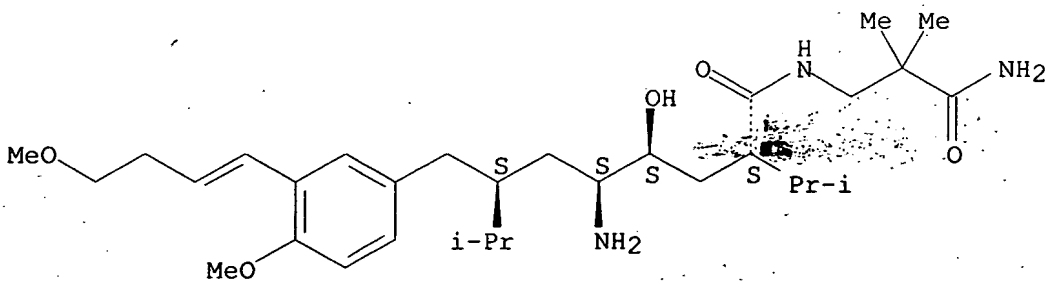
● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 197 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173335-92-7 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-(3-amino-2,2-dimethyl-3-oxopropyl)-.gamma.-hydroxy-4-methoxy-3-(4-methoxy-1-butenyl)-.alpha.,.zeta.-bis(1-methylethyl)-, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H53 N3 O5
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.
Double bond geometry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

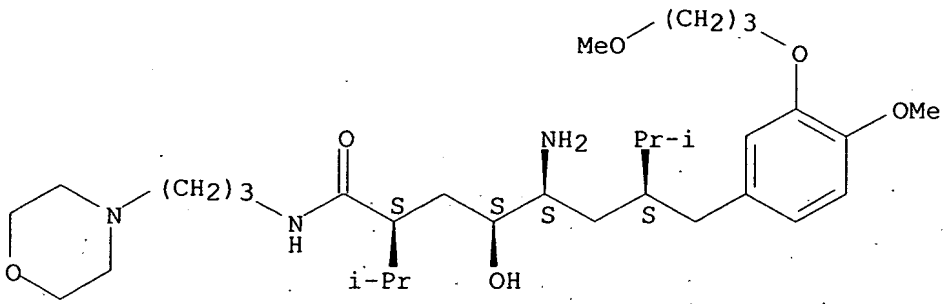
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 285 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173334-99-1 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-N-[3-(4-

morpholinyl)propyl]-, dihydrochloride, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C32 H57 N3 O6 . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (173399-12-7)

Absolute stereochemistry.



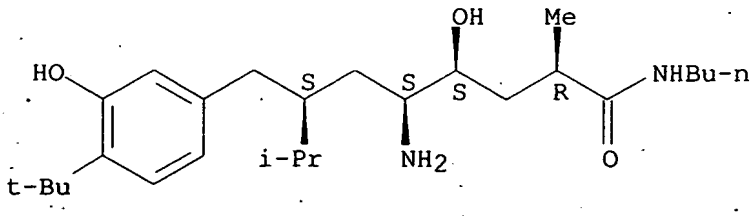
●2 HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 384 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173333-99-8 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-4-(1,1-dimethylethyl)-.gamma.,3-dihydroxy-.alpha.-methyl-.zeta.-(1-methylethyl)-, monohydrochloride, [.alpha.R-(.alpha.R*,.gamma.S*,.delta.S*,.zeta.S*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C26 H46 N2 O3 . Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (173399-31-0)

Absolute stereochemistry.



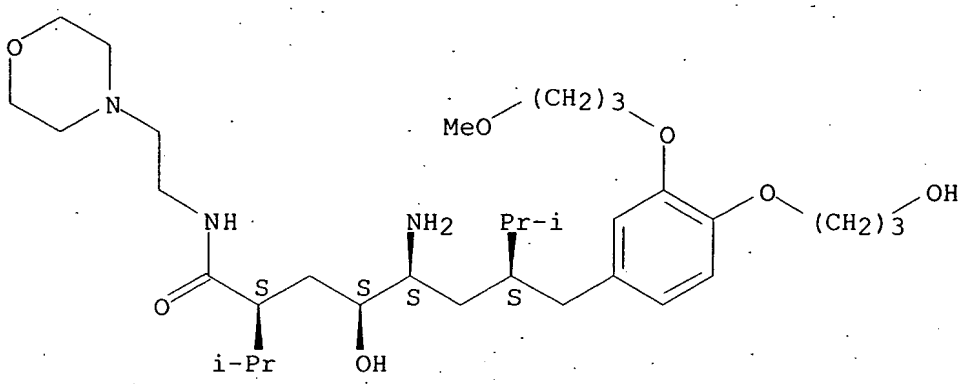
● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

L7 ANSWER 388 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173154-15-9 REGISTRY
CN Benzeneoctanamide, .delta.-amino-.gamma.-hydroxy-4-(3-hydroxypropoxy)-3-(3-methoxypropoxy)-.alpha.,.zeta.-bis(1-methylethyl)-N-[2-(4-morpholinyl)ethyl]-, monohydrochloride, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C33 H59 N3 O7 . Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (173399-85-4)

Absolute stereochemistry.



● HCl

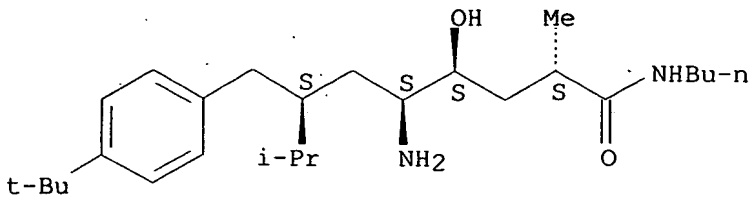
2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

REFERENCE 2: 124:145882

L7 ANSWER 390 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 173007-35-7 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-4-(1,1-dimethylethyl)-.gamma.-hydroxy-.alpha.-methyl-.zeta.-(1-methylethyl)-, monohydrochloride, [.alpha.S-(.alpha.R*,.gamma.R*,.delta.R*,.zeta.R*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C26 H46 N2 O2 . Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (173399-26-3)

Absolute stereochemistry.



● HCl

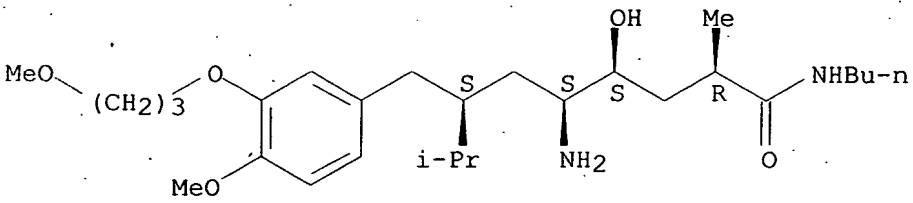
2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:201791

REFERENCE 2: 124:117982

L7 ANSWER 391 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 172900-96-8 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-.gamma.-hydroxy-4-methoxy-3-(3-methoxypropoxy)-.alpha.-methyl-.zeta.-(1-methylethyl)-, monohydrochloride, [.alpha.R-(.alpha.R*,.gamma.S*,.delta.S*,.zeta.S*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H48 N2 O5 . Cl H
SR CA
LC STN Files: ADISINSIGHT, CA, CAPLUS, SYNTHLINE, USPATFULL
CRN (173399-55-8)

Absolute stereochemistry.



● HCl

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

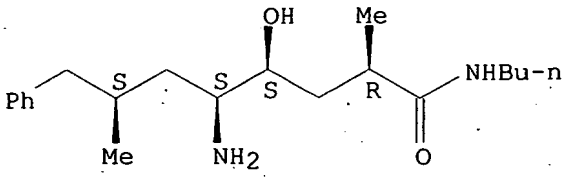
REFERENCE 1: 124:201791

REFERENCE 2: 124:117982

L7 ANSWER 394 OF 394 REGISTRY COPYRIGHT 2003 ACS
RN 158609-92-8 REGISTRY
CN Benzeneoctanamide, .delta.-amino-N-butyl-.gamma.-hydroxy-.alpha.,.zeta.-dimethyl-, [.alpha.R-(.alpha.R*,.gamma.S*,.delta.S*,.zeta.S*)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H34 N2 O2
SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 121:255365